Form PTO-948 (Rev. 03-...) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office Application No. 10/43,127

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawings filed (insert date) 12/15/03

A. ___ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ✓ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. [illegible]

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.
   - ___ Color drawings are not acceptable until petition is granted. Fig(s) ______
   - ___ Pencil and non black ink not permitted. Fig(s) ______
2. PHOTOGRAPHS. 37 CFR 1.84(b)
   - ___ Full-tone set is required. Fig(s) ______
   - ___ Photographs may not be mounted. 37 CFR 1.84(e)
   - ___ Poor quality (half-tone). Fig(s) ______
3. TYPE OF PAPER. 37 CFR 1.84(e)
   - ___ Paper not flexible, strong, white, and durable. Fig(s) ______
   - ___ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) ______
   - ___ Mylar, vellum paper is not acceptable (too thin). Fig(s) ______
4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:
   - ___ 21.0 cm by 29.7 cm (DIN size A4)
   - ___ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
   - ___ All drawing sheets not the same size. Sheet(s) ______
   - ___ Drawings sheets not an acceptable size. Fig(s) ______
5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
   SIZE: A4 Size

   Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
   SIZE: 8 1/2 x 11

   ✓ Margins not acceptable. Fig(s) 8A, 8B, 9A
   - ___ Top (T) ___ Left (L)
   - ___ Right (R) ___ Bottom (B)
6. VIEWS. 37 CFR 1.84(h)

   REMINDER: Specification may require revision to correspond to drawing changes.

   Partial views. 37 CFR 1.84(h)(2)
   - ___ Brackets needed to show figure as one entity. Fig(s) ______
   - ___ Views not labeled separately or properly. Fig(s) ______
   - ___ Enlarged view not labeled separately or properly. Fig(s) ______
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
   - ___ Hatching not indicated for sectional portions of an object. Fig(s) ______
   - ___ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) ______
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
   - ___ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) ______
9. SCALE. 37 CFR 1.84(k)
   - ___ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) ______
10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)
    - ✓ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1A-4B, 5C-9C (in part)
11. SHADING. 37 CFR 1.84(m)
    - ___ Solid black areas pale. Fig(s) ______
    - ✓ Solid black shading not permitted. Fig(s) 1A-3C, 4B, 6, 7A
    - ___ Shade lines, pale, rough and blurred. Fig(s) ______
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
    - ✓ Numbers and reference characters not plain and legible. Fig(s) 1A-9D (in part), 9A-10D
    - ___ Figure legends are poor. Fig(s) ______
    - ___ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) ______
    - ___ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) ______
    - ___ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) ______
13. LEAD LINES. 37 CFR 1.84(q)
    - ___ Lead lines cross each other. Fig(s) ______
    - ___ Lead lines missing. Fig(s) ______
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
    - ___ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) ______
15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
    - ___ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) ______
16. CORRECTIONS. 37 CFR 1.84(w)
    - ___ Corrections not made from prior PTO-948 dated ______
17. DESIGN DRAWINGS. 37 CFR 1.152
    - ___ Surface shading shown not appropriate. Fig(s) ______
    - ___ Solid black shading not used for color contrast. Fig(s) ______

COMMENTS

REVIEWER [illegible] DATE [illegible] TELEPHONE NO. [illegible]

ATTACHMENT TO PAPER NO. 5